

1-3 Word Problems

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1. Find 3 consecutive integers if the sum of the first and third is 128.

$$\begin{array}{l} X \quad 63 \\ X+1 \quad 64 \\ X+2 \quad 65 \end{array} \quad \begin{array}{l} X + X + 2 = 128 \\ X = 63 \end{array}$$

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5. An angle is 12 degrees more than its complement. Find the measure of the complement.

$$\begin{array}{l} x \\ 90 - x \end{array}$$

$$x = 90 - x + 12$$

$$2x = 102$$

$$x = 51$$

$$\textcircled{39^\circ}$$

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